

ABSTRACTPROGRAMMING STATION GENERATING A PROGRAM IN SINGLE
LANGUAGE AND AUTOMATION EQUIPMENT USING SUCH A PROGRAM

5 This invention relates to a programming station
for an automation application that will be executed in
an automation equipment. The programming station
stores at least one file in an internal memory
containing a description grammar for automation
10 applications in text format, for at least one of the
graphic automation languages (Ladder, SFC, FBD) using a
single, hierarchised and object oriented language. It
also contains a set of one or several description
15 files, each description file describing part of the
automation application and being expressed in this
single language. The single, hierarchised and object
oriented language is the XML (eXtended Markup Language)
language.

Figure 1